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Potassium compounds, Hydroxides, *Dyes, Resorcinol,
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<p>Trans. published Japanese patent 9036/1962, cl. 26-B-11 (42-D-21) (136-G-22) (46-B-02) appl. no. 3002/1960 filed 3 Feb 60, pub. 24 July 62, by Toyo Rayon Co.</p>	<p>4248571</p>
<p>DESCRIPTORS: *Fibers (Synthetic), *Polyethylene plastics, *Ethylene, *Propylene, *Methyl and ethyl, *Vinyl radicals, *Pyridine, *Acrylic acid esters, *Styrene, *Graft polymers, *Copolymerization, *Types</p>	<p>Office of Technical Services</p>
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Trans. of Kōbunshi Kagaku (Japan) 1960, v. 17, no. 180,
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DESCRIPTORS: *Nylon, Cellulose, Synthetic fibers,
Textiles, Polymers, *Copolymerization, Radio
Chemistry.

Conventional fibers such as cellulose and nylon are
capable of forming graft polymers easily when irradi-
ated first with radioactive rays, and then placed in con-
junction with a vinyl monomer or a solution thereof.

At the time of polymerization, it is effective when water
or methanol is co-present. When a vinyl polymer with
a high transition point is grafted on, the fiber becomes
hard as a rule, while when the transition point is low,
it becomes soft. (Author)

61-16765

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acid esters, Hydrogenation, Cobalt, Ammonium com-
pounds, Thorium compounds, Oxides.

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